

MATERIAL SAFETY DATA SHEET

SECTION I

DATE: 05/17/93 (01A)

SUPERCEDES: 07/22/91

MANUFACTURER'S NAME & ADDRESS:
Devco & Reynolds Co.
4000 DuPont Circle
Louisville, KY 40207

PRODUCT NAME:
78U-GLAZE-WB (TM) Water Based Epoxy
Coating Part B

PRODUCT CATALOG NUMBER:
12902

PRODUCT CLASS:
Two Component Epoxy

GENERAL MSDS INFORMATION: (502) 589-9340

EMERGENCY ASSISTANCE: Devco (502) 589-9340 (M-F 8AM-4:30PM Eastern)

Medical Emergency: Call Collect (303) 623-5716 (24 Hrs.); Transportation Emergency: Chemtrec (800) 424-9300 (24 Hrs.)

SECTION II - INGREDIENT/HAZARD INFORMATION

| INGREDIENTS: | CAS NO.: | Percent WT. | Hazardous a b c | ACGIH TLV PPM | mg/M3 | OSHA PEL PPM | mg/M3 | LEL | Vapor Pressure mm Hg |
|--|------------|-------------|--------------------|------------------|-------|-----------------|-------|-----|-------------------------|
| EPOXY RESIN | 25068-38-6 | 55 | | NA | NA | NA | NA | NA | NA |
| WATER | 7732-18-5 | 35 | | NA | NA | NA | NA | NA | 17 268 °F |
| *(DI)ETHYLENE GLYCOL MONOPROPYL ETHER | 2807-30-9 | 10 | ✓ | 25 | NA | NA | NA | 1.2 | 1.3 277 °F |

[01] Manufacturer's TLV. TLV = skin.

✓ Hazardous according to: a-SARA 302/304, b-SARA 313, c-CERCLA 103(a) NA = Not Available

* Defined as hazardous per 29 CFR 1910.1200

TSCA Status: The ingredients of this product are listed on the TSCA inventory.

SECTION III - PHYSICAL DATA

VAPOR DENSITY: (X)Heavier (X)Lighter than Air* BOILING RANGE: 212 - 301 °F POUNDS PER GALLON: 9.05
* Water is lighter than air.
EVAPORATION RATE: ()Faster (X)Slower than Ether PERCENT VOLATILE BY VOLUME: 50 VOC: 1.21 #/Gal (145 g/L)(- Water)
WATER SOLUBILITY: Dilutable ODOR: Mild, Characteristic.

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLAMMABILITY CLASSIFICATION: FLASH POINT: 200°F Setaflash LEL: See Section II
OSHA 29 CFR - 1910.106(a)
Parts 18-19
Combustible Liquid - Class II(B) Not Regulated (FHSA)
EXTINGUISHING MEDIA: In case of fire, use CO2, Dry Chemical, Foam or other National Fire Protection Association (NFPA) approved method for treating a Class B Fire.
UNUSUAL FIRE AND EXPLOSION HAZARDS: Due to pressure build-up, closed containers exposed to extreme heat may explode. During emergency conditions, overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.
SPECIAL FIRE FIGHTING PROCEDURES: Summon professional firefighters. Use full protective equipment including self-contained breathing apparatus. Water spray may be ineffective. If water is used, fog nozzles are preferable. If exposed to fire or extreme heat, water should be used to cool closed containers and prevent pressure build-up or possible auto-ignition.

SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE See Section II

EFFECTS OF OVEREXPOSURE:

ACUTE- Breathing: Irritation of the respiratory tract; headache, nausea, dizziness.

Eye or Skin Contact: May cause eye and skin irritation.

Swallowing: No effect anticipated from ingestion incidental to normal use. Larger quantities may cause distress of the digestive tract and nausea.

CHRONIC- Prolonged and repeated breathing of spray mist and/or sanding dust over a period of years may cause dust disease of the lungs.

MEDICAL CONDITIONS PRONE TO AGGRAVATION BY EXPOSURE: None when used in accordance with Safe Handling and Use Information, (See Section VII).

PRIMARY ROUTE(S) OF ENTRY: (X)SKIN (X)BREATHING (X)SWALLOWING

EMERGENCY AND FIRST AID PROCEDURES:

IF BREATHED : Remove to fresh air.

IF IN EYES : In case of eye contact, flush with large amounts of water for at least 15 minutes. Get medical assistance.

IF ON SKIN : Remove with soap and water. Remove soiled clothing.

IF SWALLOWED: Drink 1 or 2 glasses of water to dilute. Do not induce vomiting. Consult physician immediately. Treat symptomatically. Never give anything by mouth to an unconscious person.

SECTION VI - REACTIVITY DATA

STABILITY: ()UNSTABLE (X)STABLE

COMPATIBILITY: Avoid contact with materials that are incompatible with water.

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SECTION VI - REACTIVITY DATA (CONTINUED)

12902

HAZARDOUS DECOMPOSITION PRODUCTS: May cause hazardous fumes when heated to decomposition. Fumes may contain carbon monoxide, carbon dioxide and oxides of metals listed in Section II.

HAZARDOUS POLYMERIZATION: () MAY OCCUR (X) WILL NOT OCCUR

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Wash with water. Before attempting clean-up, refer to hazard caution information in other sections of this material safety data form. Contain spilled material and remove with inert absorbent. Store in closed container until properly disposed of.

WASTE DISPOSAL METHOD: Dispose of in accordance with local, state and federal regulations. Incinerate only in approved facility. Do not incinerate closed containers.

SECTION VIII - SAFE HANDLING AND USE INFORMATION

RESPIRATORY PROTECTION: Do not breathe vapors, spray mist or sanding dust. When spray applied in outdoor or open areas with unrestricted ventilation, and during sanding or grinding operations, use NIOSH/MSHA approved mechanical filter respirator to remove solid airborne particles of overspray and sanding dust. When used in restricted areas, wear NIOSH/MSHA approved chemical/mechanical filters designed to remove a combination of particulates and vapor. When used in confined areas, wear NIOSH/MSHA approved air supply respirators or hoods. Use NIOSH/MSHA approved respirators when flame cutting, welding, brazing and sanding material coated with this product. Follow respirator manufacturer's directions for respirator use.

VENTILATION: Use only with adequate ventilation. Provide general dilution or local exhaust ventilation in volume and pattern to keep air contaminant concentration below current applicable safety and health standards in the mixing, application and curing areas, and to remove sanding dusts of dried coating and decomposition product during welding and flame cutting on surfaces coated with this product.

PROTECTIVE GLOVES: Do not get on skin. Solvent impermeable gloves to prevent contact are recommended.

EYE PROTECTION: Do not get in eyes. Solvent resistant safety eyewear with splash guards or sideshields is recommended to prevent contact.

OTHER PROTECTIVE EQUIPMENT: Do not get on skin. Solvent impermeable clothing and boots to prevent contact are recommended.

HYGIENIC PRACTICES: Remove and wash soiled clothing before reuse. Wash hands before eating, smoking or using the washroom.

SECTION IX - OTHER PRECAUTIONS

This material is part of a two component product, the mixture of the components will have the hazards of both. Observe all applicable precautions.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Store below 110°F and keep from freezing. Keep container closed when not in use. Do not reuse empty containers. Keep out of reach of children.

WARNING: This product may contain a chemical known to the state of California to cause cancer, birth defects or other reproductive harm.

The information contained herein is based on data believed by Devco & Reynolds Co. to be accurate, but we do not assume any liability for the accuracy of this information. We neither suggest nor guarantee that any hazards mentioned are the only ones which exist. Anyone intending to rely on any recommendation or to use any equipment, technique or material mentioned should also satisfy himself that he can meet all applicable safety and health standards. Determination of the suitability of any information or product for the use contemplated by any user, the manner of that use and whether there is any infringement of patents is the sole responsibility of the user.

Caution No. 204

Caution Code D2-02-

HMIS Rating: H 1 F 1 R 0

MFPA Rating: H 1 F 1 R 0